Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 11 Mar 2023 until 23:59 on Sunday 12 Mar 2023

Forecast Issued on Friday 10 Mar 2023 at 14:52

Confidence: High for cold and dry conditions during most of Saturday but snow arriving later. High for milder weather on Sunday but turning very unsettled with rain and strong winds, then turning cold again early next week. Some uncertainty in rain or snow details so please keep updated with the forecast.

Headline for Saturday 11 Mar 2023: Dry, bright and cold then snow and low cloud developing in the evening with strengthening winds.

Mountain weather hazards on Saturday 11 Mar 2023

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny intervals	Sunny intervals	Cloudy	Light snow	Heavy snow
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	20%	50%	90%

Forecast for Saturday 11 Mar 2023

Weather: Mainly clear overnight with a widespread frost, severe in places. Dry with bright or sunny spells through the day but clouding over through the afternoon. Outbreaks of snow will arrive from the west around early evening before turning heavy and persistent during the evening with blizzards on the high tops.

Chance of cloud-free hill tops above 600m: 95% for most of the day, becoming 10% in the evening.

Low Cloud and visibility: Excellent visibility during daylight hours. Deteriorating quite quickly later, especially in the evening, becoming very poor in snow with extensive cloud above 400m and blizzards on the tops.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Saturday 11 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/11 SW	8/12 SW	6/9 SW	5/7 S	7/10 S	11/15 SE	12/20 SE	19/28 SE	18/27 SE
300	3/8 SW	2/8 W	1/6 SW	2/6 SE	6/10 SE	8/16 SE	9/20 SE	13/27 SE	10/22 SE
Valley	1/4 NE	1/5 NE	2/4 NE	3/5 SE	7/12 SE	10/18 SE	9/20 SE	12/27 SE	11/23 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-8	-4/-8	-3/-7	-2/-6	-1/-5	-1/-6	-2/-8	-3/-10	-2/-8
300	-7/-10	-8/-10	-5/-7	-1/-3	2/-1	2/-2	-0/-5	-1/-6	0/-5
Valley	-3/-5	-3/-6	-2/-4	1/-1	4/2	4/0	1/-2	1/-4	2/-2
Freezing Level*	00m	00m	00m	00m	100m	200m	100m	200m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fine weather conditions during the day but note that the weather will deteriorate quite quickly in the evening so please plan accordingly to enjoy the best of the conditions.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 10 Mar 2023	8.8mm	11.4mm	11.4mm

Forecast for Sunday 12 Mar 2023

Weather: Snow overnight soon turning to rain at all levels before clearing by dawn. Bright interludes and patchy light rain during the day then rain turning more persistent during the evening. Rain will be heavy in the evening accompanied by strong southerly winds. Thawing snow and slush giving heavy and slippery underfoot conditions.

Maximum wind: South or Southwest 25mph gusts 35mph, gusting 45mph at times later on the high tops and ridges.

Chance of cloud-free hill tops above 600m: 10% improving to 60% in the morning, becoming 10% in the afternoon.

Low Cloud and visibility: Extensive cloud and fog above 400m becoming patchy and lifting to 700m in the morning. Deteriorating in the afternoon, becoming poor in rain with extensive cloud developing, bases 400 to 600m.

Temperature: **Valleys:** Plus 4C rising to 9 or 10C.
At 600m: Minus 1C rising to 3C.
Freezing level: 400m, rising above summits by dawn.

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